

INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 2004/000339

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B63B 59/08, B08B 3/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B63B, B03B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A 3	US 4314521 A (LUNDBERG), 9 February 1982 (09.02.1982), column 3, line 21 - column 4, line 16, figures 1,3, claim 1, abstract	1-16
A 1	US 3829019 A (PETSCH), 13 August 1974 (13.08.1974), column 4, line 44 - column 5, line 28, figures 6-11, abstract	1-16
A	EP 1216761 A1 (LARIN, VYACHESLAV IVANOVICH), 26 June 2002 (26.06.2002), figure 8, paragraph 22-27	1-16

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"B" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

2 February 2005

Date of mailing of the international search report

07-02-2005

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>DATABASE WPI Week 200018 Derwent Publications Ltd, London, GB Class Q24, AN 2000-204053 RU 2122961 C1 (Shil'nikov S N) 10 December 1998 (1998-12-10) fig 2,3, abstract</p> <p>--</p>	1-16
A (1)	<p>US 4926775 A (ANDORSEN), 22 May 1990 (22.05.1990), column 1, line 60 - column 2, line 14, figures 1-3, abstract</p> <p>-- -----</p>	1-16

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Information on patent family members

31/12/2004

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US	4314521	A	09/02/1982	BR	7707442	A	15/08/1978
				DE	2749220	A	18/05/1978
				FR	2369964	A,B	02/06/1978
				GB	1560318	A	06/02/1980
				GR	64025	A	18/01/1980
				IT	1087197	B	31/05/1985
				JP	53083297	A	22/07/1978
				NL	7712180	A	08/05/1978
				NO	145718	B,C	08/02/1982
				NO	773789	A	08/05/1978
				PT	67239	A,B	01/12/1977
				SE	419738	B,C	24/08/1981
				SE	7612280	A	05/05/1978
				SU	898954	A	15/01/1982

US	3829019	A	13/08/1974	US	3832069	A	27/08/1974
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EP	1216761	A1	26/06/2002	AU	1299400	A	05/03/2001
				BR	9917456	A	16/07/2002
				CA	2378489	A	15/02/2001
				WO	0110576	A	15/02/2001

US	4926775	A	22/05/1990	CA	1317164	A,C	04/05/1993
				GB	2194136	A,B	02/03/1988
				GB	8719419	D	00/00/0000
				JP	63141686	A	14/06/1988
				NO	863365	A	22/02/1988